

Fact Sheet March 2002

Former Greif Bros. Site

701 Willow Pass Road, Pittsburg, California



DEPARTMENT OF TOXIC
SUBSTANCES CONTROL

REMOVAL ACTION WORKPLAN AVAILABLE

DTSC is one of six Boards and Departments within the California Environmental Protection Agency. The Department's mission is to restore, protect and enhance the environment, to ensure public health, environmental quality and economic vitality, by regulating hazardous waste, conducting and overseeing cleanups, and developing and promoting pollution prevention.

State of California



California
Environmental
Protection Agency



INTRODUCTION

The California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) has prepared this fact sheet to present removal action alternatives and familiarize the community with the Draft Removal Action Workplan (RAW) for the former Greif Bros. Site, located at 701 Willow Pass Road in Pittsburg, California (site). The draft RAW has been prepared to address soil remediation at the site. This fact sheet describes opportunities for public involvement, the contamination present at the site, the removal action goals, and the removal alternatives evaluated to achieve these goals. This information is detailed in the draft RAW, which is now available for public review and comment at the information repositories listed on the back page. **(See terms in bold in the glossary)**

SITE DESCRIPTION AND BACKGROUND

The former Greif Bros. site is a 37-acre parcel, situated at 701 Willow Pass Road in Pittsburg, California. The 320,000-square-foot main manufacturing building is surrounded by paved parking and driveway areas along the western,

Public Comment Period

DTSC invites public comments on the *Draft Removal Action Workplan* (RAW) and the proposed Negative Declaration for the former Greif Bros. Facility.

Written comments will be accepted during the 30-day public comment period which begins on March 5, 2002, and ends on April 3, 2002. At the end of the comment period, all comments will be considered and a response to comments will be prepared.

DTSC encourages all interested parties to submit comments or ask questions. Please send your comments by April 3, 2002, to:

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700 Heinz Avenue, Suite 200
Berkeley, CA 94710-2721
(510) 540-3847
e-mail: PLee1@dtsc.ca.gov

You may also contact Jesus Cruz, Public Participation Coordinator, at (510) 540-3933
e-mail: Jcruz@dtsc.ca.gov

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.dtsc.ca.gov.

southern, and eastern sides, with undeveloped land along the northern side. The site is currently inactive. The site is in a mixed industrial and residential area approximately 0.25 mile north of Highway 4. Surrounding properties consist of commercial operations including a Mirant Corporation facility to the north, and railroad tracks and the former Acme-Stanley Tool Works facility to the south. The site has been used for the manufacture of fiber drums, with secondary operations of equipment maintenance and administrative activities.

SITE INVESTIGATIONS

During a site inspection and document review associated with the 1998 purchase of the property by Greif Bros., investigators identified the potential for soil and/or ground water impacts from the manufacture of fiber drums. Subsequent investigations identified the presence of **volatile organic compounds** (VOCs), primarily **trichloroethene** (TCE) in soil and **ground water** at the facility. VOCs have been detected in soil from ground surface (or near surface) to the **shallow ground water table**.

Analytical results for soil indicate that the primary contaminants of concern, based on their frequency of occurrence, are **TCE, cis-1,2-dichloroethene, isopropylbenzene, methylene chloride, ethylbenzene, toluene, and vinyl chloride**.

VOCs were primarily present in the area around the paint shed on the eastern side of the main building (Figure 1). Based on soil sampling results, only two locations in the paint-shed area contain concentrations above the clean up goal. All other contaminants of concern listed above were detected at concentrations below their risk-based cleanup goals.

REMOVAL ACTION WORKPLAN Cleanup Goals

The first removal action objective at the site, as identified in the draft RAW, is to achieve health risk-based levels for TCE that are considered acceptable for protection of public health and the environment under residential land use.

The second objective is to reduce potential sources of further ground water degradation.

Alternatives Considered

The draft RAW evaluated the following four alternatives for achieving the above cleanup goals:

1. No action with a deed restriction;
2. Institutional controls with an asphalt cap;
3. Soil excavation with on-site land-farming; and
4. Soil excavation with off-site disposal.

These alternatives were evaluated based on effectiveness, implementability, and cost. Following this analysis, the alternatives were evaluated against each other.

Recommended Alternative

The preferred Removal Action Alternative is number 4, soil excavation with off-site disposal. This alternative consists of excavating contaminated soil (an area approximately 10 by 10 by 8 feet in depth, which equals 30 cubic yards or 2 truckloads), and then resampling the area to confirm that remaining soil concentrations meet the site-specific health risk goal. Soil excavation will continue until the remaining concentrations are below the cleanup goal of 1.7 mg/kg.

The excavated soil will be loaded into trucks and hauled to an appropriate permitted landfill. Clean, imported soil will be placed in the excavation areas.

Alternative number 4 is recommended because it is protective of human health and the environment. All alternatives considered other than no action should meet this criterion.

California Environmental Quality Act (CEQA)

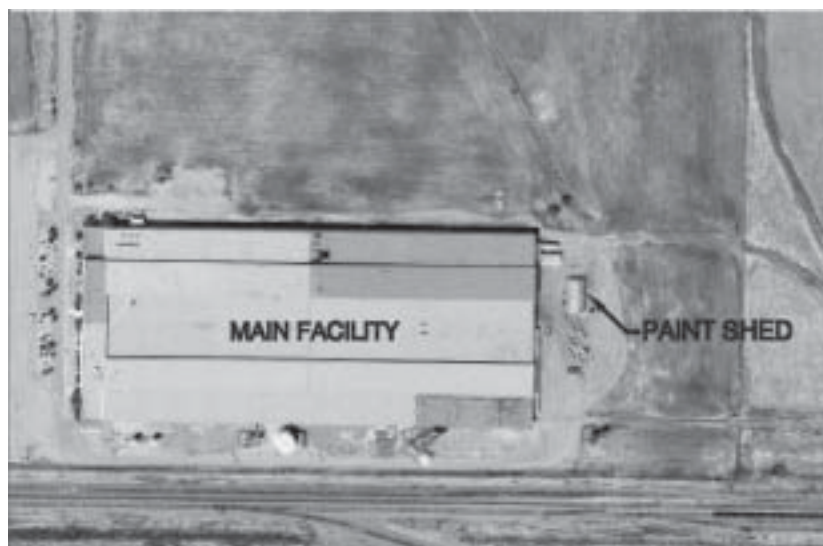
In compliance with the California Environmental Quality Act, (CEQA) DTSC has determined that the proposed removal action will not have a significant effect on the public health or the environment. Therefore, DTSC has prepared a Negative Declaration for this project. The proposed Negative Declaration is also open for public comment.

Sensitive Receptors Near the Site

DTSC considers schools, daycare centers, hospitals, clinics, senior centers, teen centers, and places of worship to be sensitive receptors. The

closest residence and school are approximately 0.25 mile from the Site. The closest place of worship is about 0.5 mile from the Site. The closest child care facility, senior center and the closest hospital are about 0.75 mile from the Site.

DTSC does not believe that the proposed remedial action will impact any of the nearby sensitive receptors. Additionally, no sensitive issues have been voiced by either residents or public officials, but in an effort to encourage input from all segments of the population, a Spanish version of this fact sheet is available upon request.



Site Detail -- Greif Bros. Facility

GLOSSARY OF TERMS

cis-1,2-Dichloroethene (cis-1,2-DCE): an organic compound primarily used as a solvent, and can also be found in perfumes, medicine, and thermoplastics. It is a suspected human carcinogen.

Ethylbenzene: an organic compound primarily used as a solvent or gasoline. It is mildly toxic by inhalation and skin contact, and at high concentrations it may cause dizziness, irritation of the nose and throat, and chest constriction.

Ground water: water that is located below the ground surface.

Isopropylbenzene: an organic compound used for solvents and chemical manufacturing. It is an eye and skin irritant and by ingestion or inhalation can cause symptoms such as headaches, distorted perceptions, nausea or vomiting.

Methylene chloride: an organic compound found in substances such as refrigerants, medicine, and herbicides. Potential effects on humans include altered sleep time, eye and severe skin irritation.

Shallow ground water table: ground water that flows within the upper 15 feet of the subsurface.

Toluene: an organic compound found in adhesive solvents, solvents, fuel (high-octane), dilutant and thinner. Potential side effects include distorted perceptions, changes in motor activity, and eye irritation.

Total xylenes: an organic compound used for aviation gasoline, protective coatings, solvent, and gasoline. It may cause eye irritation and pulmonary changes, and is a severe skin irritant.

Trichloroethene (TCE): a common organic compound used in degreasers, paints, dry-cleaning, dyestuffs, textiles, solvents, and refrigerants. The most frequent potential effects on humans include unconsciousness, dizziness, headache, and light-headedness.

Vinyl chloride (VC): an organic compound used for organic synthesis and adhesive purposes. It is a known human carcinogen, which causes liver and blood tumors. It is poisonous by inhalation, and is also a severe skin and eye irritant.

Volatile organic compounds (VOCs): organic compounds with a characteristic high vapor pressure that allows them to evaporate quickly.

FOR MORE INFORMATION

If you have questions or would like more information about the Greif Bros. Site, please call Patrick Lee, DTSC Project Manager, at (510) 540-3847 or Jesus Cruz, DTSC Public Participation Coordinator, at (510) 540-3933. For media questions, call Angela Blanchette at (510) 540-

3732. Send all written comments to DTSC at the address shown above by April 3, 2002.

At the close of the public comment period, DTSC will carefully consider public comments received. The public information repositories will contain a Draft RAW and related documents. Those who submit comments will be notified of the decision.

INFORMATION REPOSITORIES

This Draft Removal Action Workplan as well as other documents relating to the Site are available for public review at the following locations:

Pittsburg Public Library

80 Power Avenue

Pittsburg, CA 94565

(925) 427-8390

Hours: Mon and Tues: 12-8pm

Wed and Thurs: 10am-6pm

Fri and Sat: 1-5pm



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Dept of Toxic Substances Control

File Room, 700 Heinz Avenue

Berkeley, CA 94710

(510) 540-3800

By appointment

ANUNCIO

Si prefiere hablar con alguien en español acerca de ésta información, o quiere una copia en Espanol de este documento, favor de llamar a Jacinto Soto, Departamento de Control de Substancias Tóxicas, telefono - (510) 540-3842.

NOTICE TO HEARING IMPAIRED INDIVIDUALS

TDD users can obtain additional information about the Site by using the California State Relay Service (1-888-877-5378) to reach the Public Participation Coordinator at (510) 540-3933.